

**GUIDELINES FOR THE
UNIFORM ENVIRONMENTAL REVIEW PROCESS
IN PENNSYLVANIA**

**PA Department of Environmental Protection
PA Department of Community and Economic Development
USDA Rural Development, Rural Utilities Service
U.S. Environmental Protection Agency, Region III**



COMMONWEALTH OF PENNSYLVANIA

Department of Environmental Protection

Tom Ridge, Governor • David E. Hess, Secretary

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or through the PA PowerPort at www.state.pa.us

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Water Supply and Wastewater Management

- Document ID:** 381-5511-111
- Title:** Guidelines for the Uniform Environmental Review Process
- Authority:** Various federal funding program regulations
- Effective date:** July 30, 2001
- Policy:** The Uniform Environmental Review (UER) process is intended to standardize the process for documenting the environmental effects of proposed drinking water and wastewater infrastructure projects requesting financial assistance from various federal funding sources in Pennsylvania.
- The specific financial assistance programs and agencies that can utilize the UER are:
- The Clean Water State Revolving Loan Fund (PENNVEST, DEP, EPA)
 - The Drinking Water State Revolving Loan Fund (PENNVEST, DEP, EPA)
 - The RUS Water and Waste Disposal Grant and Loan Program (USDA-RD)
 - The Community Development Block Grant Program (DCED, HUD)
 - Other Federal Funding Efforts (EPA)
- Purpose:** The UER process is intended to streamline and coordinate the environmental review of proposed projects so as to avoid major inconsistencies or duplication of effort, particularly where multiple sources of funding are involved.
- Applicability:** This guidance will apply when considering applications for funding under the abovementioned federal financial assistance programs.
- Disclaimer:** This guidance and procedures outlined in this document are intended to summarize existing requirements. Nothing in this document shall affect more stringent regulatory requirements.
- The guidance and procedures herein are not an adjudication or a regulation. There is no intent on the part of DEP to give this document that weight or deference. The guidance and procedures merely summarize how and on what basis DEP will administer and implement its responsibilities with respect to financial assistance activities. DEP reserves the discretion to deviate from the guidance and procedures in this document if circumstances warrant.
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ACRONYMS AND ABBREVIATIONS

CDBG	Community Development Block Grant
CE	Categorical Exclusion
USACE	United States Army Corps of Engineers
DCED	Department of Community and Economic Development
DEP	Department of Environmental Protection
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
EV	Exceptional Value
FEMA	Federal Emergency Management Agency
FPPA	Farmland Protection Policy Act
HQ	High Quality
HUD	Housing and Urban Development
LESA	Land Evaluation and Site Assessment
NEPA	National Environmental Policy Act
NRCS	Natural Resources Conservation Service (USDA)
NWI	National Wetlands Inventory
PENNVEST	Pennsylvania Infrastructure Investment Authority
PHMC	Pennsylvania Historic and Museum Commission
RUS	Rural Utilities Service, USDA-RD
SHPO	State Historical Preservation Officer
USC	United States Code
USDA-RD	Department of Agriculture- Rural Development
USGS	United States Geological Survey

INTRODUCTION

Purpose of These Guidelines

The Uniform Environmental Review (UER) process is intended to standardize the process for documenting the environmental effects of proposed drinking water and wastewater infrastructure projects requesting financial assistance from various federal funding sources in Pennsylvania.

The specific financial assistance programs and agencies that can utilize the UER are:

- The Clean Water State Revolving Loan Fund (PENNVEST, DEP, EPA)
- The Drinking Water State Revolving Loan Fund (PENNVEST, DEP, EPA)
- The RUS Water and Waste Disposal Grant and Loan Program (USDA-RD)
- The Community Development Block Grant Program (DCED, HUD)
- Other Federal Funding Efforts (EPA)

The UER process is intended to streamline and coordinate the environmental review of proposed projects so as to avoid major inconsistencies or duplication of effort, particularly where multiple sources of funding are involved. Most of the items addressed in this environmental review are already required by existing state regulations relating to the planning phase or the permitting phase of the project. It is designed to complement those planning and permitting programs.

National Environmental Policy Act

Each of the above mentioned funding programs is governed by federal law and regulations. In making funding decisions for specific projects, the agencies involved must determine consistency with the National Environmental Policy Act (NEPA). The state and federal agencies that provide funding under these programs have agreed to accept one uniform environmental review process, based on the NEPA requirements that are described below.

NEPA (42 USC §4321 *et seq.*) establishes the basic national charter for protection of the environment and for identifying a proposed project's environmental consequences and the measures which will be taken to reduce negative impacts.

The goals of NEPA have been extended through various Executive Orders for the protection of the environment, as well as additional Executive Orders for the protection of wetlands, floodplains, and the cultural environment. In order to achieve these goals, NEPA allows for a tiered approach to the environmental review. These tiers, in order of complexity, are:

- Categorical Exclusion
- Environmental Assessment
- Environmental Impact Statement (EIS)

Categorical Exclusions

Categorical exclusions (CE) are available for projects that will not have a significant effect on the quality of the human or natural environment, either individually, cumulatively over time, or in conjunction with other projects. Such projects can be exempted from the need for a detailed environmental assessment and impact statement.

Actions that may be considered for a categorical exclusion are those that involve minor rehabilitation of existing facilities, including construction of new facilities adjacent or appurtenant to existing facilities that do not affect the capacity of the existing facilities or significantly increase or decrease the degree of treatment.

Examples of projects that may be considered for a CE include:

- Infiltration and inflow correction in wastewater systems.
- Cleaning and lining of drinking water pipes.
- Repair or replacement of existing mechanical equipment, structures, or pipes.
- On-site wastewater disposal technologies (single sites only).
- Actions that do not alter the purpose, operation, location, or design of existing facilities.
- Technical assistance, planning, environmental analysis, management studies, or feasibility studies.

Types of projects that are **not** eligible for granting a categorical exclusion:

- Actions which are known or expected to have a significant effect on the quality of the human environment, either individually, cumulatively over time, or in conjunction with other Federal, State, local, tribal or private actions;
- Actions which are known or expected to have a significant, adverse effect (either directly or indirectly) on:
 - A. Historic resource areas such as archaeological sites or historic structures,
 - B. Endangered or threatened species and their critical habitats,
 - C. Environmentally important natural resource areas such as floodplains, wetlands, important farmlands, sole source aquifer recharge zones, or
 - D. Other resource areas identified by the funding agency;
- Other specialized specific actions for which the funding agency is prohibited from granting a categorical exclusion.

Examples of projects **not** eligible for a CE include:

- Projects that create a new, or relocate an existing, wastewater discharge to surface or ground waters;
- Projects that result in substantial increases in the volume of wastewater discharge or the loading of pollutants from an existing source or from new facilities to receiving waters;
- Projects that create new demands on surface water or groundwater resources; or
- Projects that provide capacity to serve a population 30% greater than the existing population.

Funding applicants are encouraged to consult with the funding agency(ies) early in the project formulation stage to determine whether a project, or portion of a project, could qualify for a CE. Applicants should provide enough information to allow the agency(ies) to make the determination. A funding agency may still determine that additional environmental assessment is necessary even if the project meets the CE criteria, because of unique, or extraordinary circumstances related to the proposed action (including projects which have generated significant public controversy).

Environmental Assessments

Projects that are **not** eligible for a CE must undergo an Environmental Assessment to support the request for funding. The funding applicant will prepare an Environmental Report (ER) which describes the proposed project and its possible impacts. An ER is a separate, stand-alone document available for public review.

Most projects that utilize the abovementioned federal sources of funding will also be subject to DEP's planning and permitting program requirements. In this regard, the ER should be prepared in conjunction

with the relevant technical documentation that supports requests for DEP planning approval and DEP permit applications.

The funding agency(ies) will use the ER to assess the project in accordance with NEPA. If the ER indicates that there will be no significant impacts on the environment, each agency will use the report as a basis for the preparation of a decision document and/or a finding of no significant impact. Once the ER is approved by the funding agency(ies), it will constitute the Environmental Assessment for the project.

Environmental Impact Statements

If the ER indicates that there will be significant adverse impacts on the environment, detailed investigations into the effects of alternatives to mitigate these impacts will need to be examined. The selected alternative will then be fully explained in an Environmental Impact Statement (EIS).

If needed, the EIS process will be initiated by the lead funding agency in consultation with the other funding agencies involved. The funding applicant will be notified in writing of this requirement. Due to the nature of water and wastewater projects, and the related planning and permitting processes in Pennsylvania, it is highly unlikely that an EIS will be required.

PROCEDURE FOR PREPARING AN ENVIRONMENTAL REPORT

In order to promote the acceptance of the ER, it is recommended that the funding applicant coordinate with DEP and the funding agencies early in the process, rather than after project planning. Generally, the ER should be prepared in conjunction with the relevant technical documentation that supports requests for DEP planning or permit approval and DEP permit applications. Examples of such technical documentation are:

- Act 537 Plans (sewage facilities),
- Preliminary Engineering Reports (USDA Rural Development projects), and
- Planning and Feasibility Studies (water supply projects).

For wastewater projects, the ER can comprise one portion of an Act 537 Sewage Facilities Plan, so long as it is readily distinguishable from other components of the Plan.

The level of detail and degree of analysis provided in the ER should be consistent with the magnitude of construction activities and potential environmental impact.

In order to prepare an ER that can stand alone for public scrutiny, it will be necessary to repeat some information which has already been presented in planning and/or feasibility studies. In such instances, funding applicants may include a **brief** discussion of the documentation requested below in the ER, along with a description of where more detailed information can be found in those other documents.

ENVIRONMENTAL REPORT DOCUMENTATION REQUIREMENTS

Contents of the Environmental Report

The ER should contain the following elements:

Project Description and Need

 Purpose of and Need for Project

 Project Description

Summary of Reasonable Alternatives Considered

 Alternatives Considered

 Comparison of Alternatives

Environmental Consequences of the Selected Alternative

 Land Use / Important Farmland / Formally Classified Lands

 Floodplains

 Wetlands

 Historic Resources

 Biological Resources

 Water Quality Issues

 Coastal Resources

 Socio-Economic Issues

 Air Quality

 Transportation

 Noise Abatement and Control

 Wild and Scenic Rivers

 Miscellaneous Environmental Considerations

Summary of Mitigation

Public Participation

Exhibits

ENVIRONMENTAL REPORT DOCUMENTATION REQUIREMENTS

1.0 PROJECT DESCRIPTION AND NEED

1.1 Purpose of and Need for Project

State the purpose(s) of the project, including the reasons that the project is needed to address public health, safety and environmental impacts. For sewerage projects, the methodology outlined in DEP's Act 537 program "Sewage Disposal Needs Identification Guidance", other relevant information on the need to upgrade collection, conveyance and treatment facilities and the system's compliance status should be the basis for this description. For drinking water projects, improvements to public health and safety, regulatory compliance and adequacy and efficiency, along with other environmental and social impacts should be described.

1.2 Project Description

Describe the proposed project and its location. Include information such as: the overall project area; the type of facilities to be constructed and where located; the construction costs and annual costs for the project; and the primary and secondary funding sources.

The description should provide enough information to allow an uninformed person to understand the scope and location of the project.

Include a copy of a United States Geological Survey (USGS) 7.5' topographical map showing the existing and proposed facilities associated with the project and the overall project area. The location of major project components (treatment works, sewers, water lines, pump stations, storage facilities, etc.) should be clearly identified.

2.0 SUMMARY OF REASONABLE ALTERNATIVES CONSIDERED

2.1 Alternatives Considered

Discuss a "No Action" alternative to establish a baseline against which other alternatives are evaluated. This should describe the consequences to public health, safety and the environment if no project is implemented to mitigate the needs identified in Section 1.1.

Summarize all **reasonable** alternatives that were considered for the project, including:

- Engineering design alternatives, including different types of treatment plants and different types of collection/conveyance or distribution/transmission systems.
- Siting locations of facilities, including treatment requirements for facilities located on different streams and/or aquifers.
- System size and capacity.

NOTE: *If consideration is being given to discharge of wastewater to a "special protection" (HQ or EV) stream, non-discharge alternatives must be considered and fully evaluated.*

2.2 Comparison of Alternatives

Summarize and compare the cost of each reasonable alternative, utilizing a present worth analysis of the capital and operation and maintenance costs.

For each reasonable alternative, briefly describe:

- The area to be affected by each reasonable alternative;
- The environmental resources in the affected area;
- The expected environmental effects or consequences.

3.0 ENVIRONMENTAL CONSEQUENCES OF THE PROJECT

Identify which reasonable alternative has been selected, and state the reasons why this alternative has been chosen.

Describe and document the environmental effects of the selected alternative on each of the different environmental aspects listed in 3.1 to 3.13. Address the following direct, indirect and cumulative effects for each aspect:

- direct effects (changes directly related to the project activity);
- indirect effects (changes which occur later in time or are removed in distance) which are reasonably foreseeable, i.e. community growth, population density, land use, and natural environment;
- cumulative effects (total changes to the environment resulting from the effect of the selected alternative when added to the effect of other past, present, or reasonably foreseeable future actions).

Discuss any mitigation measures necessary to avoid or minimize any adverse impacts to a specific environmental aspect.

Appendix B and Appendix C contain contact information for the various state and federal agencies with jurisdiction over these environmental aspects.

3.1 Land Use / Important Farmland / Formally Classified Lands

Briefly address consistency with local zoning, land use planning and agricultural preservation interests. Submit copies of letters from the local and county planning commissions and agricultural preservation boards commenting on the project.

Document the project's impacts on important farmland by providing NRCS soils maps with the locations of proposed structures shown. For USDA/RD projects, if the project has

potential for direct, indirect or cumulative impact on important farmland as defined by the Farmland Protection Policy Act (FPPA), describe such impacts. Explain whether the area is urban built-up (more than 30 existing structures in a forty acre area). If it is not considered as an urban built-up area, include a completed Land Evaluation and Site Assessment (LESA) form (NRCS AD-1006).

Document impacts on national and state parks, forests, and trails. If there are any state or national parks, forests, or trails within one mile of the project area, show the location of these resources on the USGS topographic map in relation to the project, and contact the appropriate agencies for comment. Include a copy of comments received.

Document impacts on registered and eligible national monuments and landmarks. If there are any of these resources within one mile of the project area, show the location of these resources on the USGS topographic map in relation to the project and contact the National Park Service for comment. Include a copy of comments received.

3.2 Floodplains

Address any impacts on the 100-year floodplain and the associated floodway. Address compliance with local floodplain ordinances. Include copies of the applicable Federal Emergency Management Agency (FEMA) floodplain map with the project facilities identified.

Based on Chapter 105 of DEP's regulations and contact with the applicable DEP regional program office, identify which DEP permits or approvals will pertain to these impacts.

For USDA-RD projects, complete FEMA Form 81-93, "Standard Flood Hazard Determination" for aboveground structures insurable under the National Flood Insurance Program, and attach it to the ER.

3.3 Wetlands

Discuss the anticipated impacts of the selected alternative on wetlands resources. If wetlands will be impacted, explain why there are no practical locations or sites not impacting wetlands available. Identify steps that will be taken to avoid and minimize wetland impacts, along with plans to replace the impacted wetlands.

Any activity that physically impacts wetlands in Pennsylvania, regardless of the source of funding for that activity, must obtain approval in the form of a permit under Chapter 105 of DEP's regulations. Based on contact with the applicable DEP regional program office, identify which DEP/USACE permits (including general permits) will pertain to the identified wetlands impacts.

If any structures (buildings, treatment facilities, storage facilities, pumping stations) are proposed on hydric soils or soils with hydric inclusions, hire a qualified expert to do a wetland determination. If wetlands are present where structures are proposed, proceed to have the wetlands delineated in accordance with current DEP and USACE guidelines. The applicant may choose to do this delineation during the planning phase, or as part of the design

phase provided it is reasonably believed there is sufficient land available to avoid these hydric areas. Wetlands areas that will be impacted by the project should be identified and highlighted on:

- 1) A 7.5' topographic map describing the project.
- 2) A National Wetlands Inventory (NWI) map showing proposed project facilities, and
- 3) NRCS soils maps showing the location of proposed structures (Include copies of the county list of hydric soils and soils with hydric inclusions.) Copies of the NRCS soils maps and NWI maps may be obtained from the local USDA-NRCS office.

3.4 Historic Resources

Address any effects on archaeological resources and historic properties. To document any impact, send the following to the Pennsylvania Historic and Museum Commission requesting comments:

- Cultural Resources Notification Form (see Appendix D)
- USGS Map showing project structures and lines
- Discussion of recent utility work or other soils disturbances in the project area

Include a copy of the PHMC response letter as an exhibit to the ER. This letter must reference Section 106 requirements if federal financing is contemplated. Describe the steps that have been taken to respond to PHMC's comments or concerns. For instance, if the PHMC review indicates a "high probability" of impacting archaeological resources, the applicant can hire a PHMC approved professional to conduct a Phase I-A scoping survey during planning. The Phase I-A report should be submitted to PHMC for approval and a copy of PHMC's approval letter would be included as an exhibit to the ER.

If further archaeological evaluation (such as Phase I or Phase II) is required by PHMC, before proceeding further, the funding applicant should contact the funding agency to confirm eligibility of such work for funding by the agency.

3.5 Sensitive Biological Resources

Address any effects on endangered, threatened, or candidate species and their critical habitats. Indicate the project area on a 7.5 minute USGS Map, and submit it to the Pennsylvania Natural Diversity Inventory (PNDI) for Pennsylvania listed species (see Appendix E for an example format for making a PNDI request), and the US Fish and Wildlife Service for federally listed species. Include a copy of the PNDI and U.S. Fish and Wildlife Service response letters as exhibits to the ER.

3.6 Water Quality Issues

Describe any short- or long-term impacts on surface and groundwater quality and quantity in the watershed, including any applicable compliance issues which will be addressed by the project.

For projects involving a stream discharge, identify the receiving stream and its water quality classification.

NOTE: If consideration is being given to discharge of wastewater to a "special protection" (HQ or EV) stream, non-discharge alternatives must be considered and fully evaluated.

Determine whether the project is located within a sole-source aquifer recharge area as designated by EPA (two are currently listed in Pennsylvania - Seven Valleys area in York County or locations within 2 miles of the Delaware River). The applicant should contact EPA Region III to determine if any special provisions must be taken to protect those resources. Include a copy of EPA's response as an exhibit to the ER.

3.7 Coastal Resources

Determine whether the project is located in a coastal zone management area within Erie, Delaware, Bucks or Philadelphia County. If so, obtain comments from DEP, Coastal Zone Management Program. Include a copy of the Coastal Zone Management response letter as an exhibit to the ER.

3.8 Socio-Economic Issues

Describe whether the project imposes any disproportionate adverse effects on minority and disadvantaged populations. Sources of information for locations of minority and low-income populations include census bureau demographics, state/local agencies and local civic organizations.

3.9 Air Quality

Address any impacts on air quality. If construction activities will generate dust emissions that need to be controlled, indicate what methods will be used to minimize these emissions. Address any potential sources of odor emissions that may be generated or eliminated through the implementation of the project.

3.10 Transportation

Address any impacts on transportation patterns within the surrounding community.

3.11 Noise Abatement and Control

Address any impacts from noise levels associated with the project on the surrounding community. For example, discuss any impacts from blowers or pumps on noise-sensitive developments, such as residential areas.

3.12 Wild and Scenic Rivers

Determine whether the project will have any effects on any river in the National Wild and Scenic Rivers system, the “Nationwide Rivers Inventory”, or on American Heritage rivers.

If the project is located within one mile of one of these designated streams, contact the National Park Service and the Department of Conservation and Natural Resources for comments. Include a copy of the response letters as exhibits to the ER.

3.13 Miscellaneous Environmental Considerations

Address any other related environmental impacts that may pertain to the project, such as:

- Biosolids generation, treatment, and disposal
- Impact of the project on or from local landfills
- Impact of the project on or from Superfund/HSCA sites
- “Hazardous Operations Explosive or Flammable in Nature” (HUD/DCED only)
- “Toxic Chemicals and Radioactive Materials” (HUD/DCED only)

4.0 SUMMARY OF MITIGATION

For the selected alternative, summarize potential adverse environmental impacts that have been identified and the methods by which those impacts will be mitigated, when and by whom.

NOTE: It is not necessary to discuss impacts and mitigating actions that will be normally addressed as part of routine compliance with DEP permits (for example, compliance with NPDES permit discharge limits to protect receiving stream uses).

5.0 PUBLIC PARTICIPATION

State environmental regulations and NEPA require public participation during the course of project development and review. Contact the lead funding agency for the project to obtain specific guidelines for public participation requirements. For jointly financed projects, the funding agencies will make every effort to coordinate public notification requirements to minimize duplication of effort.

In the environmental report, describe the steps taken to ensure public participation in the planning and implementation of the project. Include dates of any public meetings, newspaper advertisements, or other actions. Summarize any information provided to the public, such as anticipated benefits, impacts, and user rates. Summarize any comments received from the general public; local, county, and regional planning commissions; and the responses that were provided.

6.0 EXHIBITS

Include documentation of contact and comment from the applicable agencies, as appropriate, for the environmental considerations addressed in the ER, copies of various forms, relevant maps and drawings and other supporting information.

Appendix A

Legal References for Environmental Reviews

3.1 Land Use

25 PA Code §71.21(a)(5)
USDA Departmental Regulation 9500-3

3.1 Important Farmland

25 PA Code §71.21(a)(5)
4 PA Code Chapter 7, Subchapter W (Pennsylvania Prime Agricultural Land Policy)
40 CFR § 6.302
7 CFR § 1940.301(c)(8); (c)(16)
7 CFR § 658

3.1 Formally Classified Land

Urban Park and Recreation Recovery Act of 1978
Land and Water Conservation Fund Act of 1965

3.2 Floodplains

25 PA Code §71.21(a)(1)
25 PA Code §106
40 CFR § 6.302
7 CFR § 1940.301(c)(12)
Executive Order 11988 (Floodplain Management)
Executive Order 12148

3.3 Wetlands

25 PA Code §71.21(a)(1)
25 PA Code §71.21(a)(5)
25 PA Code § 105.17
40 CFR § 6.302
40 CFR 230
7 CFR § 1940.301(c)(13); (c)(17)
Executive Order 11990 (Protection of Wetlands)

3.4 Historic Resources

25 PA Code §71.21(a)(5)

37 PS §507 (Pennsylvania Historic Preservation Act of 1978)
40 CFR §6.301
7 CFR §§1940.301(c)(5); (c)(6); (c)(10); (c)(15)
16 USCS §§469(a)(1) *et seq.* (Archaeological and Historic Preservation Act of 1974)
16 USCS § 470 (National Historic Preservation Act of 1966)
Executive Order 11593 (Protection and Enhancement of Cultural Environment)

3.5 Sensitive Biological Resources

25 PA Code §71.21(a)(5)
40 CFR § 6.302
7 CFR §§ 1940.301(c)(3); (c)(19)
16 USCS §§ 1531 *et seq.* (Endangered Species Act of 1973)
Fish and Wildlife Coordination Act (PL 85-624)

3.6 Water Quality Issues

25 PA Code §71.21(a)(1)
25 PA Code §71.21(a)(5)
35 PS §§691.4 and 691.5 (Clean Streams Law)
33 USCA 1288 (Clean Water Act)
42 USCA §§1962-1962d-18 (Water Resources Planning Act)
32 PS §§680.1-680.17 (Storm Water Management Act)
40 CFR § 6.506(b)
7 CFR § 1940.301(c)(2)
Safe Drinking Water Act (PL 93-523)

3.7 Coastal Resources

25 PA Code
40 CFR § 6.302
7 CFR § 1940.301(c)(7); (c)(9)
16 USCS §§ 3501 *et seq.* (Coastal Barrier Resources Act)
16 USCS §§ 1451 *et seq.* (Coastal Zone Management Act)

3.8 Socio-Economic Issues

RUS Dep. Reg. 4300-4
Executive Order 12898 (Environmental Justice in Minority Populations)

3.9 Air Quality

40 CFR § 6.303
42 USCS §§ 7401 *et seq.* (Clean air Act)

3.11 Noise Abatement and Control

7 CFR § 1940.305(j)
24 CFR §51
42 USCS § 4901 *et seq.* (Noise Control Act)

3.12 Wild and Scenic Rivers

40 CFR § 6.302
7 CFR § 1940.301(c)(4)
16 USCS § 1271 *et seq.* (Wild and Scenic Rivers Act)
17 PA Code §41
32 P.S. §§820.22 - 820.29 (PA Scenic Rivers Act)

Appendix B

Agency Contact Information

ENDANGERED SPECIES

U.S. Fish and Wildlife Service
315 South Allen Street
Suite 322
State College, PA 16801
(814) 234-4090 <http://penn.fws.gov/Endanger.htm>

PA Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
(717) 787-4520 http://sites.state.pa.us/PA_Exec/PGC/endangered/index.htm

PA Fish and Boat Commission
3532 Walnut Street
Harrisburg, PA
(717) 657-4518 http://sites.state.pa.us/PA_Exec/Fish_Boat/etspecis.htm

PA Department of Conservation and Natural Resources
PA Natural Diversity Inventory
Rachel Carson State Office Building
P.O. Box 8552
Harrisburg, PA 17105-8552
(717) 787-3444 <http://www.dcnr.state.pa.us/forestry/pndi/pndiweb.htm>

WETLANDS

(See Appendix D for DEP Regional Office contact information)

PA Department of Environmental Protection
Bureau of Watershed Management
P.O. Box 8775
Harrisburg, PA 17105-8775
(717) 787-6827

<http://www.dep.state.pa.us/dep/deputate/watermgt/wc/subjects/wwec/general/wetlands/wetlands.htm>

U.S. Army Corps of Engineers
PA Section, Regulatory Branch
USACE - Baltimore District
CENAB - OP - RPA
P.O. Box 1715
Baltimore, MD 21203-1715
(410) 962-7607 <http://www.nab.usace.army.mil/Regulatory/index.html>

LANDMARKS, HISTORIC, AND ARCHAEOLOGICAL SITES (see also Appendix D)

PA Historical and Museum Commission
3rd and North Streets
State Museum Building
Harrisburg, PA 17108
(717) 783-9926
http://sites.state.pa.us/PA_Exec/Historical_Museum/BHP/preservation.htm

U.S. National Park Service
200 Chestnut Street 5th Floor
Philadelphia, PA 19106
(215) 597-7013 http://www.nps.gov/pub_aff/nefa.htm

WILD AND SCENIC RIVERS

U.S. National Park Service
200 Chestnut Street 5th Floor
Philadelphia, PA 19106
(215) 597-1570 <http://www.nps.gov/rivers/>

PA Department of Conservation and Natural Resources
Rachel Carson State Office Building
P.O. Box 8552
Harrisburg, PA 17105-8552
(717) 787-3444 <http://www.dcnr.state.pa.us/rivers/srhome.htm>

IMPORTANT FARMLANDS

U.S. Department of Agriculture
Natural Resources Conservation Service
Suite 340
One Credit Union Place
Harrisburg, PA 17110
(717) 237-2100 <http://www.pa.nrcs.usda.gov/stateper.htm>

AIR QUALITY

See Appendix C

COASTAL ZONE MANAGEMENT

Office of River Basin Cooperation
PA Department of Environmental Protection
Coastal Zone Management Program
P.O. Box 2063
Harrisburg, PA 17105 2063
(717) 772-4785 <http://www.dep.state.pa.us/river/czmp.htm>

SOLE SOURCE AQUIFERS

U.S. EPA (3WP22)
Water Protection Division
1650 Arch Street
Philadelphia, PA 19103
(215) 814-3201 <http://www.epa.gov/ogwdw/swp/ssa.html>

Appendix C

DEP Regional Air and Water Program Contacts and County Air Quality Contacts

For general location of and website information on the Regional Offices, go to the following website:
<http://www.dep.state.pa.us/dep/deputate/fieldops/default.htm>

Southeast Regional Office
Lee Park - Suite 6010
555 North Lane
Conshohocken, PA 19428
(610) 832-6242 Air
(610) 832-6131 Water Quality and Wetlands
(610) 832-6059 Water Supply

Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110
(717) 705-4702 Air
(717) 705-4707 Water Quality and Wetlands
(717) 705-4708 Water Supply

Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222-4174
(412) 442-4174 Air
(412) 442-4000 Water Quality and Wetlands
(412) 442-4217 Water Supply

Northeast Regional Office
Two Public Square
Wilkes-Barre, PA 18711-0790
(570) 826-2531 Air
(570) 826-2554 Water Quality and Wetlands
(570) 826-2511 Water Supply

Northcentral Regional Office
208 West 3rd Street, Suite 101
Williamsport, PA 17701
(570) 327-3745 Air
(570) 327-3670 Water Quality and Wetlands
(570) 327-3490 Water Supply

Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335-3481
(814) 332-6940 Air
(814) 332-6942 Water Quality and Wetlands
(814) 332-6899 Water Supply

County Air Quality Contacts

Allegheny County
Plan Review Section
Allegheny County Health Department
Bureau of Air Pollution Control
301 39th Street
Pittsburgh, PA 15201
(412) 578-8111

Philadelphia County
Department of Public Health
Air Management Services
321 University Avenue
Spelman Building
Philadelphia, PA 19104
(215) 823-7584

Appendix D

Cultural Resources Notification Form and Instructions

0120-PM-PY0003 Rev. 1/2001
INSTRUCTIONS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION



INSTRUCTIONS FOR COMPLETING CULTURAL RESOURCE NOTICE

GENERAL INFORMATION

This package is designed to assist the applicant in completing the necessary documentation regarding archaeological sites and historic structures encountered while undertaking permitting projects.

This form is to be completed, signed, and dated by applicants for certain DEP permits or plan approvals. Please refer to the List of Exemptions for a list of applications which are exempt from this requirement. It is the responsibility of the applicant to complete this form and mail it to the PHMC at the following address:

Pennsylvania Historical and Museum Commission
Bureau of Historic Preservation
400 North Street, Second Floor
Harrisburg, PA 17120-0093

Please be aware that PHMC will keep the Notice and submitted materials for its files. Therefore, keep a copy of the Notice and any materials submitted with it. Applicants should mail all Cultural Resource Notices "Certified Mail Return Receipt Requested" in order to prove submission and the date PHMC received the Notice.

Attach a copy of your completed Cultural Resource Notice and the return receipt to your permit application.

SECTION A. APPLICANT IDENTIFIER

For purposes of identifying and tracking complete permit packages, enter the following requested information.

APPLICANT NAME. Please insert applicant name using the same name as will be used with the Permit Application. Also, please insert applicant address and phone number. (Note: This would not be the consultant or engineering firm preparing the application).

PROJECT TITLE. Please enter the title of the project as will be used with the Permit Application.

SECTION B. LOCATION OF PROJECT

MUNICIPALITY. Indicate the municipality(ies) in which the site is located. If the site is located in more than two municipalities, attach a separate sheet of paper.

COUNTY. Indicate the county(ies) in which the site is located. Write out the county name and also give the DEP county code. (County codes provided on page 2 of these instructions.) If the site is located in more than two counties, attach a separate sheet of paper. The list of two-digit county codes can be found at the end of these instructions.

SECTION C. PERMITS OR APPROVALS

Give the name(s) of specific DEP permit or approval. Check the appropriate box for any anticipated federal permits that may be required.

SECTION D. GOVERNMENT FUNDING SOURCES

Indicate any authorized or anticipated governmental funding source and give the name of this funding source. (Examples: PennVest or Rural Utility Services.)

SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING, OR OIL AND GAS MANAGEMENT OFFICE

Check the appropriate box that identifies the DEP Regional, Central, District Mining, or Oil and Gas Management Office that is responsible for the review of this permit application. A list of DEP offices and counties supported is included at the end of these instructions.

SECTION F. COUNTY CONSERVATION DISTRICT

Some permit applications are reviewed by County Conservation Districts. If this is the case, give the name of the district office and the telephone number, if known.

SECTION G. CONSULTANT IDENTIFIER

For purposes of avoiding confusion should the consultant submit the determination notice to PHMC for the applicant, enter the following requested information: Consultant Engineer Name, Address and Telephone Number.

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

Assure that the following items are attached and submitted with the Notice form:

- 7.5' USGS Map indicating boundaries of the proposed activity. Maps should include all relevant details. (Example: For a sewage facilities plan, the location of proposed sewerage facilities, including collection sewers, interceptor lines, pump stations and sewage treatment plants would be relevant information that PHMC would need).
- Narrative description of the proposed activity.
- Photographs of any buildings over 50 years old. Indicate what is to be done to all buildings in the project area.
- Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity.
- The return receipt of delivery of this Notice to the Pennsylvania Historical and Museum Commission.

PHMC requests the following items:

- Photographs of any buildings over 40 years old.
- Site maps of the proposed activity, if available

SECTION I. SIGNATURE BLOCK

A legally responsible agent of the applicant should complete and sign the notice. If this form was prepared by someone else, such as a consultant or contractor, that individual should complete and sign the notice.

SECTION B. LOCATION OF PROJECT

County Codes:

01 Adams	24 Elk	47 Montour
02 Allegheny	25 Erie	48 Northampton
03 Armstrong	26 Fayette	49 Northumberland
04 Beaver	27 Forest	50 Perry
05 Bedford	28 Franklin	51 Philadelphia
06 Berks	29 Fulton	52 Pike
07 Blair	30 Greene	53 Potter
08 Bradford	31 Huntingdon	54 Schuylkill
09 Bucks	32 Indiana	55 Snyder
10 Butler	33 Jefferson	56 Somerset
11 Cambria	34 Juniata	57 Sullivan
12 Cameron	35 Lackawanna	58 Susquehanna
13 Carbon	36 Lancaster	59 Tioga
14 Centre	37 Lawrence	60 Union
15 Chester	38 Lebanon	61 Venango
16 Clarion	39 Lehigh	62 Warren
17 Clearfield	40 Luzerne	63 Washington
18 Clinton	41 Lycoming	64 Wayne
19 Columbia	42 McKean	65 Westmoreland
20 Crawford	43 Mercer	66 Wyoming
21 Cumberland	44 Mifflin	67 York
22 Dauphin	45 Monroe	
23 Delaware	46 Montgomery	99 Out of State

DEP REGIONAL AND CENTRAL OFFICES

PA Dept of Environmental Protection
SE Regional Office
Lee Park Ste 6010
555 North Lane
Conshohocken PA 19428-2233 Phone: (610) 832-6000

Counties: Bucks, Chester, Delaware, Montgomery and Philadelphia

PA Dept of Environmental Protection
NE Regional Office
Two Public Square
Wilkes-Barre PA 18701-3296 Phone: (717) 826-2511

Counties: Carbon, Lackawanna, Lehigh, Luzerne, Monroe, Northampton, Pike, Schuylkill, Susquehanna, Wayne and Wyoming

PA Dept of Environmental Protection
SC Regional Office
909 Elmerton Avenue
Harrisburg PA 17110 Phone: (717) 705-4700

Counties: Adams, Bedford, Berks, Blair, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Lancaster, Lebanon, Mifflin, Perry and York

PA Dept of Environmental Protection
NC Regional Office
208 West 3rd Street
Williamsport PA 17701 Phone: (717) 327-3636

Counties: Bradford, Cameron, Clearfield, Centre, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Snyder, Sullivan, Tioga and Union

PA Dept of Environmental Protection
SW Regional Office
400 Waterfront Dr
Pittsburgh PA 15222-4745 Phone: (412) 442-4000

Counties: Allegheny, Armstrong, Beaver, Cambria, Fayette, Greene, Indiana, Somerset, Washington and Westmoreland

PA Dept of Environmental Protection
NW Regional Office
230 Chestnut Street
Meadville PA 16335 Phone: (814) 332-6945

Counties: Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren

PA Dept of Environmental Protection
Central Office
400 Market St
PO Box 8554
Harrisburg PA 17105- 8554 Phone: (717) 787-8568

DEP OIL AND GAS OFFICES

PA Dept of Environmental Protection
Oil and Gas Management
Rachel Carson State Office Building
5th Floor
400 Market Street
P.O. Box 8765
Harrisburg, PA 17105-8765 Phone: (717) 772-2199

PA Dept of Environmental Protection
Oil and Gas Management
Northwest Regional Office
230 Chestnut Street
Meadville PA 16335 Phone: (814) 332-6860

PA Dept of Environmental Protection
Oil and Gas Management
Southwest Regional Office
400 Waterfront Dr
Pittsburgh PA 15222-4745 Phone: (412) 442-4000

DEP DISTRICT MINING OFFICES

PA Dept of Environmental Protection

Greensburg District Office

Armbrust Bldg
RD 2 Box 603-C
Greensburg PA 15601-0982 Phone: (412) 925-8115

Counties: Allegheny, Armstrong, Beaver, Fayette, Greene, Washington and Westmoreland

PA Dept of Environmental Protection

Ebensburg District Office

437 South Center Street
PO Box 625
Ebensburg PA 15931-0625 Phone: (814) 472-1900

Counties: Bedford, Blair, Cambria, Fulton, Huntingdon, Indiana and Somerset

PA Dept of Environmental Protection

Pottsville District Office

5 West Laurel Boulevard
Pottsville PA 17901-2454 Phone: (717) 621-3118

Counties: Adams, Berks, Bucks, Carbon, Chester, Columbia, Dauphin, Cumberland, Delaware, Franklin, Juniata, Monroe, Lebanon, Lehigh, Luzerne, Mifflin, Montgomery, Pike, Montour,

Northampton, Perry, Northumberland, Philadelphia, Schuylkill, Snyder, Susquehanna, Union, Wayne, Wyoming, and York

PA Dept of Environmental Protection

Hawk Run District Office

Empire Rd
PO Box 209
Hawk Run PA 16840-0209 Phone: (814) 342-8200

Counties: Bradford, Cameron, Centre, Clearfield, Clinton, Potter, Lycoming, Sullivan, and Tioga

PA Dept of Environmental Protection

McMurray District Office

3913 Washington Rd
McMurray PA 15317-2532 Phone: (412) 941-7100

Counties: All counties where bituminous underground mining and subsidence occur.

PA Dept of Environmental Protection

Knox District Office

White Memorial Bldg
PO Box 669
Knox PA 16232-0669 Phone: (814) 797-1191

Counties: Butler, Clarion, Crawford, Elk, Erie, Forest, Warren, Jefferson, Lawrence, McKean, Mercer, and Venango

**CULTURAL RESOURCE NOTICE**

DEP USE ONLY

Date Received

Before completing this form, read the step-by-step instructions provided with this form.

SECTION A. APPLICANT IDENTIFIER		
Applicant Name _____		
Street Address _____		
City _____	State _____	Zip _____
Telephone Number _____		
Project Title _____		
SECTION B. LOCATION OF PROJECT		
Municipality _____	County Name _____	DEP County Code _____
SECTION C. PERMITS OR APPROVALS		
Name of Specific DEP Permit or Approval Requested: _____		
Anticipated federal permits:		
<input type="checkbox"/> Surface Mining	<input type="checkbox"/> 404 Water Quality Permit	
<input type="checkbox"/> Army Corps of Engineers	<input type="checkbox"/> Federal Energy Regulatory Commission	
<input type="checkbox"/> 401 Water Quality Certification	<input type="checkbox"/> Other:	
SECTION D. GOVERNMENT FUNDING SOURCES		
<input type="checkbox"/> State: (Name) _____	<input type="checkbox"/> Local: (Name) _____	
<input type="checkbox"/> Federal: (Name) _____	<input type="checkbox"/> Other: (Name) _____	
SECTION E. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL & GAS MGMT OFFICE		
DEP Regional Office Responsible for Review of Permit Application		<input type="checkbox"/> Central Office (Harrisburg)
<input type="checkbox"/> Southeast Regional Office (Conshohocken)	<input type="checkbox"/> Northeast Regional Office (Wilkes-Barre)	
<input type="checkbox"/> Southcentral Regional Office (Harrisburg)	<input type="checkbox"/> Northcentral Regional Office (Williamsport)	
<input type="checkbox"/> Southwest Regional Office (Pittsburgh)	<input type="checkbox"/> Northwest Regional Office (Meadeville)	
<input type="checkbox"/> District Mining Office:	<input type="checkbox"/> Oil & Gas Office:	
SECTION F. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.		
County Conservation District _____	Telephone Number, if known _____	
SECTION G. CONSULTANT		
Consultant, if applicable _____		
Street Address _____		
City _____	State _____	Zip _____
Telephone Number _____		

SECTION H. PROJECT BOUNDARIES AND DESCRIPTION

REQUIRED

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity.

Attach photographs of any building over 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

REQUESTED

Attach photographs of any building over 40 years old

Attach site map, if available.

SECTION I. SIGNATURE BLOCK

Date of Submission of Notice to PHMC

Applicant's Signature

Appendix E

REQUEST FOR PENNSYLVANIA NATURAL DIVERSITY INVENTORY (PNDI) REVIEW

Date:

TO:

PA Department of Conservation and Natural Resources
PA Natural Diversity Inventory
Rachel Carson State Office Building
P.O. Box 8552
Harrisburg, PA 17105-8552

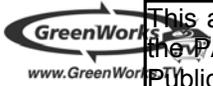
FROM (Project Sponsor):

PROJECT NAME:

MUNICIPALITY AND COUNTY:

Please conduct a review of the Pennsylvania Natural Diversity Inventory (PNDI) information system for records of species of special concern that may be associated with the above project, the location of which is shown on the attached partial copy of the _____ 7.5 minute U.S.G.S. topographic map. This information will be incorporated into the project sponsor's environmental assessment to support the project.

If you have questions concerning this request please contact:



This and related environmental information are available electronically via Internet. For more information, visit us through the PA PowerPort at <http://www.state.pa.us> or visit DEP directly at <http://www.dep.state.pa.us> (directLINK "Drinking Water Publications").

www.GreenWorks.tv - A web space dedicated to helping you learn how to protect and improve the environment. The site features the largest collection of environmental videos available on the Internet and is produced by the nonprofit Environmental Fund for Pennsylvania, with financial support from the Pennsylvania Department of Environmental Protection, 877-PA-GREEN.

**Bureau of Water Supply and Wastewater Management
P.O. Box 8467
Harrisburg, PA 17105-8467**

An Equal Opportunity Employer

**3800-TG-3815511111
September 10, 2001**

